

CONTRACTOR GENERAL CHECKLIST

HOISTWAY AND PIT.

1. Only machinery and equipment used directly in connection with the elevator shall be permitted in elevator hoistways, machinery spaces, machine rooms, control spaces, and control rooms.
Code reference A17.1-2007(2.8.1).
2. Where fire resistive construction is required, the hoistways shall be enclosed in conformance with the requirements of the local building code. Code reference A17.1-2007(Section 2.1).
3. All beams, floor slabs, or other building construction making an angle less than 75 deg with the horizontal shall not project more than 100 mm (4") inside the hoistway enclosure unless the top surface of the projection is beveled at an angle not less than 75 deg with the horizontal. Code reference A17.1-2007(2.1.6.2).
4. Separator beams between adjacent elevators are not required to have bevels.
Code reference A17.1-2007(2.1.6.2(b)).
5. Check with local building codes for hoistway ventilation requirements.
6. A permanent means to remove water from pit must be provided without any human intervention. Code reference A17.1-2007(2.2.2.3).
7. Drains and sump pumps, where provided, shall comply with applicable plumbing code, and they shall be provided with a positive means to prevent water, gases, and odors from entering the hoistway.
8. Elevators provided with Firefighters Emergency Operation, a drain or sump shall be provided. The sump/ drain shall have the capacity to remove a minimum of 3000 gallons per hour. Code reference A17.1-2007(2.2.2.5).
9. Sumps and pump in pits, where provided, shall be covered. The cover shall be secured and level with the pit floor. Code reference A17.1-2007(2.2.2.6).
10. Where sprinklers are installed, comply with A17.1-2007, and NFPA-70-2008 and local enforcing authorities.
11. Safe and convenient access shall be provided to all pits. Code reference A17.1-2007(2.2.4).
12. A pit ladder shall be installed in each elevator pit. Code Reference A17.1-2007(2.2.4.2).
13. The pit ladder shall extend not less than 48" above the sill of the access door or hand grips shall be provided to the same height. Code reference A17.1-2007(2.2.4.2.1).
14. The ladder shall be minimum of 16" wide unless an obstruction is encountered; the minimum width is 9". Code reference A17.1-2007(2.2.4.2.2).
15. The ladder cleats shall be spaced 12" on center. Code reference A17.1-2007(2.2.4.2.3).

16. The ladder center rungs must be minimum of 4.5" from the nearest permanent object in back of the ladder. Code reference A17.1-2007(2.2.4.2.4).
17. The ladder and its attachments shall be capable of sustaining a load of 300 pounds. Code reference A17.1-2007(2.2.4.2.6).
18. A permanent lighting fixture shall be provided in pit. Code reference A17.1-2007(2.2.5).
19. The lighting shall provide an illumination of not less than 10fc at the pit floor. Code reference A17.1-2007(2.2.5.1).
20. The light bulbs shall be externally guarded to prevent contact and accidental breakage. Code reference A17.1-2007(2.2.5.2).
21. The light switch shall be located to be accessible from the pit access door. Code reference A17.1-2007(2.2.5.3).

REVIEW ALL POSSIBLE REQUIREMENTS WITH YOUR STATE ELEVATOR INSPECTOR. BE SURE ALL WORK IS COMPLETE AND ALL DEVICES FUNCTION PROPERLY BEFORE REQUESTING THE FINAL INSPECTION THROUGH YOUR ELEVATOR SUBCONTRACTOR. IF WISH TO HAVE ME PERFORM A PRE-INSPECTION PRIOR TO THE OFFICIAL ELEVATOR INSPECTION, PLEASE CONTACT ME.